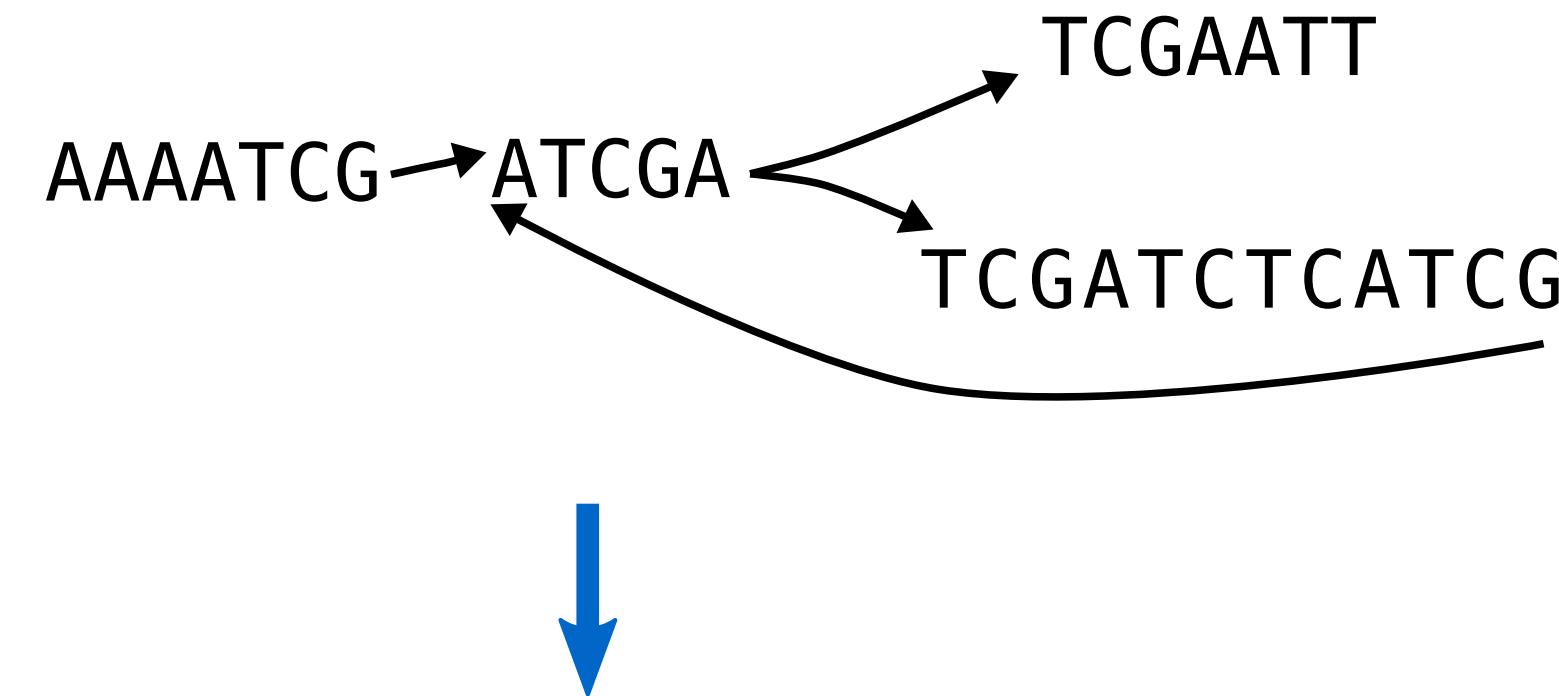


compacted de Bruijn graph

$k=5$



k -mers $k=7$
from cdBG $k=5$

AAAATCG
AAATCGA
TCGATCT
CGATCTC
GATCTCA
ATCTCAT
TCTCATC
CTCATCG
TCGAATT

+

k -mers $k=7$
from the reads

AAAATCG TCTCATC
AAATCGA CTCATCG
AATCGAT TCATCGA
ATCGATC CATCGAA
TCGATCT ATCGAAT
CGATCTC TCGAATT

compacted de Bruijn graph
 $k=7$

→

AAAATCGATCTCATCGAATT